

CLAIMS

What is claimed is:

1 1. In a vehicle having a frame part and a wheel having a hub and an axle,
2 the frame part having drop-out ends for receiving the axle of the hub and a fastening element
3 connected to the frame part, a braking device comprising:

4 a brake carrier plate movable to a final mounting position relative to said vehicle
5 frame part and being connectable to the hub;

6 an extension arm connected to said brake carrier plate; and

7 an adaptor arranged at said fastening element such that said extension arm
8 connects with said adaptor as said brake carrier plate is moved into the final mounting position.

9 2. The braking device of claim 1, wherein the fastening element has two bores
10 and is designed for receiving a caliper of disk brake, said adaptor being connected to said
11 fastening element via at least one of the two bores.

12 3. The braking device of claim 1, wherein said extension arm comprises a
13 recess and said adaptor comprises a guide, wherein said recess engages in said guide at a
14 connection between said adaptor and said guide during the mounting of the braking device to
15 the final mounting position.

16 4. The braking device of claim 2, wherein said adaptor is arranged at the one of
17 the two bores that is closer to the drop-out end of said frame part than the other of said two
18 bores.

1 5. The braking device of claim 1, wherein said braking device is a drum brake
2 and the frame part is a front wheel fork of a bicycle.

1 6. The braking device of claim 3, wherein said adaptor is a rotationally
2 symmetrical part and said guide comprises a peripheral groove.

1 7. The braking device of claim 3, wherein said recess tapers such that said
2 recess is shaped for eliminating play at a joint formed by the connection.

1 8. A kit for retrofitting a braking device on a vehicle designed for receiving
2 disk brakes, the vehicle having a frame part having drop-out ends and a fastening element, the
3 vehicle further including a hub of a wheel having an axle, the braking device being connectable
4 to the hub via the axle at the drop-out ends of the frame part, said kit comprising:

5 a brake carrier plate having an extension arm, said brake carrier plate being
6 connectable to the hub via the axle at the drop-out ends of the frame part; and

7 an adaptor connectable to the fastening element on the frame part such that the
8 extension arm connects with the adaptor for transmission of braking forces when the brake
9 carrier plate is mounted with the hub and axle at the drop-out ends of the frame part.

1 9. The kit of claim 8, wherein said kit is for retrofitting the braking device on a
2 vehicle with a fastening element having two bores designed for receiving a disk brake caliper,
3 said adaptor being connectable to the fastening element via at least one of the two bores.

1 10. The kit of claim 8, wherein said extension arm comprises a recess and said
2 adaptor comprises a guide, wherein said recess engages in said guide at a connection between
3 said adaptor and said guide.

1 11. The kit of claim 9, wherein said adaptor is arranged at the one of the two
2 bores that is closest to the drop-out end of the frame part.

1 12. The kit of claim 8, wherein said kit is for retrofitting a drum brake on a
front wheel fork of a bicycle.

1 13. The kit of claim 10, wherein said adaptor is a rotationally symmetrical part
and said guide comprises a peripheral groove.

1 14. The kit of claim 10, wherein said recess tapers such that said recess is
shaped for eliminating play at a joint formed by the connection.

1 15. A braking device for a hub of a wheel in a vehicle having a frame part
2 with drop-out ends and a fastening part, the hub having an axle, said braking device
3 comprising:

4 a brake carrier plate having an extension arm, said brake carrier plate being
5 connectable to the hub via the axle at the drop-out ends of the frame part; and

6 an adaptor connectable to the fastening element on the frame part such that the
7 extension arm connects with the adaptor for transmission of braking forces when the brake
8 carrier plate is mounted with the hub and axle at the drop-out ends of the frame part.

1 16. The braking device of claim 15, wherein said extension arm comprises a
2 recess and said adaptor comprises a guide, wherein said recess engages in said guide at a
3 connection between said adaptor and said guide when said brake carrier plate being
4 connectable to the hub via the axle at the drop-out ends of the frame part.

17. The braking device of claim 15, wherein said braking device is a drum
brake and the frame part is a front wheel fork of a bicycle.

1 18. The braking device of claim 16, wherein said adaptor is a rotationally
2 symmetrical part and said guide comprises a peripheral groove.

1 19. The braking device of claim 16, wherein said recess tapers such that said
2 recess is shaped for eliminating play at a joint formed by the connection.